Project Title	Funding	Strategic Plan Objective	Institution
Longitudinal neurogenetics of atypical social brain development in autism	$146,082	Q2.5	Yale University
Caspr2 dysfunction in autism spectrum disorders	$28,000	Q2.Other	Yale University
A genome-wide search for autism genes in the Simons Simplex Collection	$2,896,750	Q3.8	Yale University
Simons Simplex Collection Site - 7	$564,055	Q3.8	Yale University
Prospective examination of 6-year cumulative incidence of ASDs: A total population study	$60,000	Q3.9	Yale University
Neurogenic growth factors in autism	$150,000	Q3.Other	Yale University
A randomized controlled trial of two treatments for verbal communication	$150,000	Q4.4	Yale Child Study Center
Using zebrafish and chemical screening to define function of autism genes	$390,993	Q4.5	Whitehead Institute for Biomedical Research
Mis-regulation of BDNF in autism spectrum disorders	$150,000	Q1.3	Weill Cornell Medical College
Analysis of brain microstructure in autism using novel diffusion MRI approaches	$60,000	Q2.5	Washington University School of Medicine
Ethnicity and the elucidation of autism endophenotypes	$61,000	Q1.4	Washington University in St. Louis
Communication and prosody in autism: A pilot fMRI study using a sib-pair design	$60,000	Q2.5	Washington University in St. Louis
Brain circuitry in simplex autism	$250,000	Q2.Other	Washington University in St. Louis
Simons Simplex Collection Site - 3	$473,036	Q3.8	Washington University in St. Louis
Transition to adulthood: Service utilization and determinants of functional outcomes	$60,000	Q6.2	Washington University in St. Louis
An examination of the effectiveness of manipulative letter instruction on decoding skills of young children with autism	$30,000	Q4.4	Virginia Commonwealth University
Efficacy of community-based instruction and supported employment on the competitive employment outcomes on transition-age youth with autism	$60,000	Q4.4	Virginia Commonwealth University
Executive functioning, theory of mind, and neurodevelopmental outcomes	$118,007	Q1.4	Vanderbilt University Medical Center
Relation of sleep epileptiform discharges to insomnia and daytime behavior	$60,000	Q2.Other	Vanderbilt University
Mouse genetic model of a dysregulated serotonin transporter variant associated with autism	$60,000	Q2.Other	Vanderbilt University
Simons Simplex Collection Site - 12	$316,564	Q3.8	Vanderbilt University
MET receptor tyrosine kinase and autism spectrum disorder	$62,500	Q3.9	Vanderbilt University
Innovative technology for mapping social engagement in children with autism: Adaptive physiological profiling in real time	$60,000	Q4.1	Vanderbilt University
Neurophysiological indices of risk and outcome in autism	$61,000	Q1.3	University of Washington

Project Title	Funding	Strategic Plan Objective	Institution
Investigation of the link between early brain enlargement and abnormal functional connectivity in autism spectrum disorders	$120,000	Q2.5	University of Washington
Electrical measures of functional cortical connectivity in autism	$60,000	Q2.5	University of Washington
Psychophysiological approaches to the study of autism	$26,000	Q2.Other	University of Washington
Simons Simplex Collection Site - 2	$362,500	Q3.8	University of Washington
The mirror neuron system in children with autism	$118,156	Q4.1	University of Washington
Intervention for infants at risk for autism	$150,000	Q4.3	University of Washington
Epigenetics, hormones and sex differences in autism incidence	$100,000	Q3.1	University of Virginia
Deriving neuroprogenitor cells from peripheral blood of individuals with autism	$60,000	Q2.2	University of Utah
Quantifying white matter connectivity in autism	$61,000	Q2.5	University of Utah
Autistic enterocolitis/Crohns	$45,000	Q4.2	University of Turin
Developmental versus acute mechanisms mediating altered excitatory synaptic function in the fragile X syndrome mouse model	$150,000	Q2.Other	University of Texas Southwestern Medical Center
Animal models of autism: Pathogenesis and treatment	$100,000	Q2.Other	University of Texas Southwestern Medical Center
Relevance of NPAS1/3 balance to autism and schizophrenia	$475,787	Q3.2	University of Texas Southwestern Medical Center
Dysregulation of p13/AKT in mouse models for social interaction deficits and for ASD with macrocephaly	$204,926	Q4.5	University of Texas Southwestern Medical Center
Visual perspective-taking and the acquisition of American Sign Language by deaf children with autism	$28,000	Q2.5	University of Texas at Austin
Measuring Hg body burden in 3 groups	$14,960	Q3.1	University of Texas
Raising glutathione levels in children with autism	$24,516	Q4.6	University of Texas
Identification of UBE3A substrates using proteomic profiling in Drosophila	$60,000	Q2.Other	University of Tennessee Health Science Center
Robotics and speech processing technology for the facilitation of social communication training in children with autism	$100,000	Q4.4	University of Southern California
Neural basis of audiovisual integration during language comprehension in autism	$30,000	Q2.5	University of Rochester
Vulnerability phenotypes and susceptibility to environmental toxicants: From organism to mechanism	$110,000	Q2.Other	University of Rochester
Development of categorization and facial knowledge in infants at-risk for autism - AS	$31,000	Q1.4	University of Pittsburgh
A study of autism	$217,402	Q1.Other	University of Pennsylvania

Project Title	Funding	Strategic Plan Objective	Institution
Pathway-based genetic studies of autism spectrum disorder	$60,000	Q2.Other	University of Pennsylvania
Identifying and understanding the action of autism susceptibility genes	$409,620	Q3.8	University of Oxford
Promoting early social-communicative competency in toddlers with autism	$323,000	Q4.3	University of Northern Colorado
Neuropharmacology of motivation and reinforcement in mouse models of autistic spectrum disorders	$150,000	Q2.Other	University of North Carolina School of Medicine
Multisensory processing in autism	$145,000	Q2.5	University of North Carolina at Chapel Hill
MRI study of brain development in school age children with autism	$150,000	Q2.5	University of North Carolina at Chapel Hill
NrCAM, a candidate susceptibility gene for visual processing deficits in autism	$150,000	Q2.Other	University of North Carolina at Chapel Hill
Early intervention for children screened positive for autism by the first year inventory	$200,000	Q4.3	University of North Carolina at Chapel Hill
Social cognition and interaction training for adolescents with high functioning autism	$60,000	Q4.4	University of North Carolina at Chapel Hill
Autism dysmorphology measure validity study	$143,873	Q1.2	University of Missouri
The neural correlates of transient and sustained executive control in children with autism spectrum disorder	$60,000	Q2.5	University of Missouri
Simons Simplex Collection Site - 10	$172,538	Q3.8	University of Missouri
Evaluating a 3D VLE for developing social competence	$100,000	Q4.Other	University of Missouri
FMRI evidence of genetic influence on rigidity in ASD	$28,000	Q2.5	University of Michigan
Neural correlates of serotonin transporter gene polymorphisms and social impairment in ASD	$150,000	Q2.5	University of Michigan
Simons Simplex Collection Site - 9	$1,342,262	Q3.8	University of Michigan
Automated measurement of facial expression in autism: Deficits in facial nerve function?	$150,000	Q1.4	University of Miami
Cognitive control and social engagement among younger siblings of children with autism	$28,000	Q2.Other	University of Miami
A clinical randomized control trial of joint attention intervention in young children with ASD	$30,000	Q4.4	University of Miami
Impact of innate immunity on regressive autism	$110,000	Q2.2	University of Medicine & Dentistry of New Jersey
Influence of maternal cytokines on activation of the innate immune system as a factor in the development of autism	$32,000	Q3.6	University of Medicine & Dentistry of New Jersey
Influence of maternal cytokines during pregnancy on effector and regulatory T helper cells as etiological factors in autism	$110,000	Q3.6	University of Medicine & Dentistry of New Jersey

Project Title	Funding	Strategic Plan Objective	Institution
Influence of the maternal immune response on the development of autism	$150,000	Q3.6	University of Medicine & Dentistry of New Jersey
Simons Simplex Collection Site - 14	$84,827	Q3.8	University of Massachusetts Medical School
A multi-site clinical randomized trial of the Hanen More Than Words intervention	$400,000	Q4.4	University of Massachusetts Boston
KZN autism study	$60,000	Q1.Other	University of KwaZulu-Natal
Exploring functional brain connectivity for visual cognition in autism spectrum disorder	$60,000	Q2.5	University of Kentucky
FMRI studies of cerebellar functioning in autism	$47,500	Q2.5	University of Illinois at Chicago
Simons Simplex Collection Site - 4	$369,014	Q3.8	University of Illinois at Chicago
Interactions between mothers and young children with ASD: Associations with maternal and child characteristics	$61,000	Q1.Other	University of Haifa
Enhancing social communication for children with HFA	$46,000	Q4.4	University of Haifa
Motor control in young children with autism	$60,000	Q1.4	University of Florida
The genetics of restricted, repetitive behavior: An inbred mouse model	$60,000	Q2.Other	University of Florida
Molecular basis of autism associated with human adenylosuccinate lyase gene defects	$30,000	Q2.Other	University of Delaware
Mimicry and imitation in ASDs	$32,000	Q2.5	University of Connecticut
Gamma band dysfunction as a local neuronal connectivity endophenotype in autism	$61,000	Q2.5	University of Colorado Denver
Cognitive-behavioral group treatment for anxiety symptoms in adolescents with high-functioning autism spectrum disorders	$100,000	Q4.4	University of Colorado Denver
Peer-mediated intervention for elementary chool students with ASD	$60,000	Q4.4	University of Colorado Denver
The genetic link between autism and structural cerebellar malformations	$32,000	Q1.3	University of Chicago
Genomic imbalances in autism - AS	$49,500	Q3.8	University of Chicago
Linking autism and congenital cerebellar malformations	$60,000	Q3.Other	University of Chicago
Roles of Wnt signaling/scaffolding molecules in autism	$28,000	Q2.Other	University of California, San Francisco
Role of micro-RNAs in ASD affected circuit formation and function	$150,000	Q3.8	University of California, San Francisco
Role of Wnt signaling through Dishevelled, Dact and p120catenin in forebrain development, synaptic physiology, and mouse behavior: Exploration of a pathway with many components linked to autism spectrum disorders	$210,122	Q4.5	University of California, San Francisco
Safety and efficacy of complementary and alternative medicine for autism spectrum disorders	$100,000	Q4.6	University of California, San Francisco

Project Title	Funding	Strategic Plan Objective	Institution
Stereological analyses of neuron numbers in frontal cortex from age 3 years to adulthood in autism	$150,000	Q2.5	University of California, San Diego
Collaborative neuropathology workgroup: A comprehensive multilevel analysis of frontal lobe microstructure in autism	$166,000	Q2.5	University of California, San Diego
Attentional abnormalities in autism: An electronphysiological study of the basal forebrain and central nucleus of the amygdala	$60,000	Q2.Other	University of California, San Diego
Neuroligins and neurexins as autism candidate genes: Study of their association in synaptic connectivity	$60,000	Q2.Other	University of California, San Diego
The role of the autism-associated gene Tuberous Sclerosis Complex 2 (TSC2) in presynaptic development	$55,000	Q2.Other	University of California, San Diego
Demonstration of the novel RASL/DASL method for analysis of gene expression in frontal cortex in autism and control cases	$62,103	Q3.8	University of California, San Diego
Translation of evidenced based treatment to classrooms	$30,000	Q4.4	University of California, San Diego
Pilot project to assess web-based family recruitment for autism genetics studies	$998,654	Q1.Other	University of California, Los Angeles; Washington University in St. Louis; Kennedy Krieger Institute
Neural basis of socially driven attention in children with autism	$28,000	Q2.5	University of California, Los Angeles
A combined fMRI-TMS study on the role of the mirror neuron system in social cognition: Moving beyond correlational evidence	$150,000	Q2.Other	University of California, Los Angeles
Molecular and environmental influences on autism pathophysiology	$150,000	Q3.1	University of California, Los Angeles
Interactions of environment and molecular pathways on brain overgrowth in autism: Maternal inflammation and the PI3/AKT pathway	$211,200	Q3.6	University of California, Los Angeles
Simons Simplex Collection Site - 6	$393,989	Q3.8	University of California, Los Angeles
A system biology approach to autism genetics	$75,624	Q3.8	University of California, Los Angeles
Developmental and augmented intervention for facilitating expressive language	$600,000	Q4.3	University of California, Los Angeles
Promoting communication skills in toddlers at risk for autism	$300,000	Q4.3	University of California, Los Angeles
Joint attention intervention for caregivers and their children with autism	$51,000	Q4.4	University of California, Los Angeles
Joint attention intervention for nonverbal children with ASD	$60,000	Q4.4	University of California, Los Angeles
Transporting evidence-based practices from the academy to the community: School-based CBT for children with ASD	$60,000	Q4.4	University of California, Los Angeles
Mitochondria and autism	$690,460	Q1.3	University of California, Irvine; University of California, San Diego

Project Title	Funding	Strategic Plan Objective	Institution
Technology support for interactive and collaborative visual schedules	$42,000	Q4.Other	University of California, Irvine
Is autism a mitochondrial disease?	$60,000	Q2.2	University of California, Davis
Immune molecules and cortical synaptogenesis: Possible implications for the pathogenesis of autism	$150,000	Q2.Other	University of California, Davis
Vitamin D status and autism spectrum disorder: Is there an association?	$80,000	Q3.1	University of California, Davis
Immunobiology in autism	$32,000	Q3.6	University of California, Davis
Etiology of autism risk involving MET gene and the environment	$220,000	Q3.8	University of California, Davis
Intervention for infants at risk for autism	$150,000	Q4.3	University of California, Davis
Double-blind placebo controlled trial of subcutaneous methyl B12 on behavioral and metabolic measures in children with autism	$150,000	Q4.8	University of California, Davis
Clinical and gene signatures of ASDs	$61,000	Q1.3	University of British Columbia
A novel cell-based assay for autism research and drug discovery	$60,000	Q2.Other	University of Arizona
Identification and functional characterization of gene variants	$60,000	Q2.Other	Universita Campus Bio-Medico di Roma
Analysis of developmental interactions between reelin haploinsufficiency, male sex, and mercury exposure	$110,000	Q3.1	Universita Campus Bio-Medico di Roma
Behavioral and functional neuroimaging investigations of visual perception and cognition in autistics	$150,000	Q2.5	Université de Montréal
Early developmental risk factors for autism in a national birth cohort	$60,000	Q3.6	Turku University
Multi-registry analyses - Finland	$36,000	Q3.9	Turku University
Family recruitment network - 2	$90,110	Q3.2	Tufts Medical Center
Family support network - 3	$46,874	Q5.1	Tufts Medical Center
Effectiveness of sensory based strategies for improving adaptive behaviors in children with autism	$150,000	Q4.4	Thomas Jefferson University
Multi-registry analyses - West Australia	$36,000	Q3.9	The University of Western Australia
Exploring the role of synaptic proteins in mouse models of autism	$66,228	Q2.Other	The Rockefeller University
A better understanding of the therapeutic actions of specific neuroleptics in autism	$165,572	Q4.5	The Rockefeller University
Exploring the role of synaptic proteins in mouse models of autism	$165,572	Q4.5	The Rockefeller University
Simons Simplex Collection Site - 5	$242,504	Q3.8	The Research Institute of the McGill University Health Centre

Project Title	Funding	Strategic Plan Objective	Institution
Dendritic organization within the cerebral cortex in autism	$140,000	Q2.5	The Open University
Neuronal nicotonic receptor modulation in the treatment of autism: A pilot trial of mecamylamine	$58,000	Q4.8	The Ohio State University
Differential effects of thimerosal on cell division and apoptosis in normal vs. autism spectrum disorder cell lines	$60,000	Q3.1	The Methodist Hospital Houston
The impact of autism specific genomic variations on microRNA gene expression profile	$88,000	Q3.8	The Hospital for Sick Children
Multi-registry analyses - Israel	$36,000	Q3.9	The Gertner Institute of Epidemiology and Health Policy Research
Consequences of maternal antigen exposure on offspring immunity: An animal model of vertical tolerance	$137,000	Q2.Other	The Fox Chase Cancer Center
The pathogenesis of autism: Maternal antibody exposure in the fetal brain	$110,000	Q3.Other	The Feinstein Institute for Medical Research
Evaluating intensive early behavioral intervention in autism	$40,000	Q4.3	Temple University
International trends in diagnoses and incidence of autism spectrum disorders	$64,023	Q1.2	Telethon Institute for Child Health Research
Social behavior deficits in autism: Role of amygdala	$110,000	Q2.Other	State University of New York Upstate Medical Center
Improved quality of life for people with autism and their families by integrating biomedical and behavioral approaches	$100,000	Q4.Other	State University of New York
Oxytocin biology and the social deficits of autism spectrum disorders	$112,500	Q1.3	Stanford University
Investigation of cortical folding complexity in children with autism, their autism-discordant siblings, and controls	$100,000	Q2.5	Stanford University
Maternal infection and autism: Impact of placental sufficiency and maternal inflammatory responses on fetal brain development	$130,000	Q2.Other	Stanford University
Function and dysfunction of neuroligins	$498,665	Q4.5	Stanford University
Probing a monogenic form of autism from molecules to behavior	$187,500	Q4.5	Stanford University
Altering motivational variables to treat stereotyped behavior	$100,000	Q4.Other	St. Cloud State University
Naturalistic observation diagnostic assessment for autism	$25,000	Q1.1	Southwest Autism Research & Resource Center
Think Asperger's	$125,000	Q1.2	Southwest Autism Research & Resource Center
Family study of autism: Genomic and proteomic markers	$150,000	Q1.3	Southwest Autism Research & Resource Center
Measuring the effects of training parents to provide intervention via the Arizona telemedicine program	$60,000	Q4.4	Southwest Autism Research & Resource Center

Project Title	Funding	Strategic Plan Objective	Institution
Remote parent training project	$70,000	Q4.Other	Southwest Autism Research & Resource Center
Desensitization techniques for difficult behaviors	$25,000	Q4.Other	Southwest Autism Research & Resource Center
ARTI: The autism research & training initiative in India	$60,000	Q1.Other	Sangath
Integrated play groups: Promoting social communication and symbolic play with peers across settings in children with autism	$150,000	Q4.4	San Francisco State University
Testing the effects of cortical disconnection in non-human primates	$150,000	Q4.5	Salk Institute for Biological Studies
Assessing information processing and capacity for understanding language in non-verbal children with autism	$220,000	Q2.5	Rutgers University; City University of New York
Genetic studies of autism susceptibility	$50,000	Q3.8	Rutgers University
Builiding tacting and joint attention skills with the use of ACS	$30,000	Q4.4	Rutgers University
Cell repository	$4,318,579	Q2.1	Rutgers, The State University of New Jersey
Autism spectrum disorder and the visual analysis of human motion	$250,000	Q2.5	Rutgers, The State University of New Jersey
Markers of inflammation and oxidative damage	$50,000	Q2.2	Research Foundation for Mental Hygiene, Inc.
Identification of aberrantly methylated genes in autism: The role of advanced paternal age	$499,780	Q3.Other	Research Foundation for Mental Hygiene, Inc.
Victimization, pragmatic language, and social and emotional competence in adolescents with ASD	$60,000	Q2.5	Queen's University
Software for collecting and managing data from Simons Simplex Collection	$4,145,488	Q6.1	Prometheus Research LLC
Optical analysis of circuit-level sensory processing in the cerebellum	$49,000	Q2.Other	Princeton University
Autism and SNPs in the IGF pathway	$150,000	Q3.8	Princeton University
Enhancing social functioning among adolescents with Asperger's syndrome and high functioning autism	$60,000	Q4.4	Penn State Milton S. Hershey Medical Center
Sleep, neuropsychological, mood, behavior, learning, and developmental problems in children with autism	$18,085	Q1.4	Penn State College of Medicine
Epstein-Barr virus research	$30,000	Q2.Other	Pediatric Gastrointestinal Association
Automated measurement of dialogue structure in autism	$50,000	Q1.1	Oregon Health & Science University
Probiotics and vitamin D in ASD	$20,000	Q4.6	Oregon Health & Science University
Role of neuroligin in synapse stability	$150,000	Q2.Other	Oklahoma Medical Research Foundation
Multi-registry analyses - Norway	$36,000	Q3.9	Norwegian Institute of Public Health
Influence of oxidative stress on transcription and alternative splicing of methionine synthase in autism	$28,000	Q2.2	Northeastern University
Regulation of inflammatory TH17 cells in ASD	$112,500	Q2.2	New York University School of Medicine

Project Title	Funding	Strategic Plan Objective	Institution
Generation of genetic models of autism in mice	$60,000	Q4.5	New York University School of Medicine
Oxidative stress and immune response in autism	$60,000	Q2.5	New York State Institute for Basic Research in Developmental Disabilities
Development of brain connectivity in autism	$300,000	Q2.5	New York School of Medicine
Examination of rerequisite skills for learning using video modeling	$30,000	Q4.4	New England Center for Children
Parents and professionals attitudes to dietary interventions in ASD (PADIA)	$109,658	Q4.6	Newcastle University
Evaluating behavioral and neural effects of social skills intervention for school-age children with autism spectrum disorders	$60,000	Q4.1	Mount Sinai School of Medicine
The role of Shank3 in autism spectrum disorders	$360,000	Q4.5	Mount Sinai School of Medicine
SFARI Base - A web interface for database characterizing the study subjects from Simons Simplex Collection	$698,000	Other	Mindspec, Inc.
A sibling mediated imitation intervention for young children with autism	$28,000	Q4.3	Michigan State University
Are neuronal defects in the cerebral cortex linked to autism?	$33,000	Q2.Other	Memorial Sloan-Kettering Cancer Center
A randomized, double blind, placebo controlled study of fatty acid supplementation in autism	$140,000	Q4.8	Medical University of South Carolina
Evaluating the effectiveness of the social cognition training tool (SCOTT) in ASD on behavioral, occulomotor, and neuronal levels	$60,000	Q4.4	Max Planck Institute for Human Development
Imaging synaptic neurexin-neuroligin complexes by proximity biotinylation: Applications to the molecular pathogenesis of autism	$47,500	Q2.Other	Massachussetts Institute of Technology
Meg investigation of the neural substrates underlying visual perception in autism	$130,000	Q2.5	Massachussetts General Hospital
Infrastructure support for autism research at MIT	$750,000	Other	Massachusetts Institute of Technology
Neural mechanisms for social cognition in ASD	$238,040	Q2.5	Massachusetts Institute of Technology
Cognitive neuroscience - 1	$142,158	Q2.Other	Massachusetts Institute of Technology
Mice lacking Shank postsynaptic scaffolds as an animal model of autism	$250,806	Q4.5	Massachusetts Institute of Technology
Models and mechanisms - 1	$127,050	Q4.5	Massachusetts Institute of Technology
Neural and cognitive mechanisms of autism	$1,500,000	Q4.5	Massachusetts Institute of Technology
Regulation of synaptogenesis by cyclin dependent kinase 5	$327,398	Q4.5	Massachusetts Institute of Technology
The role of the neurexin 1 gene in susceptibility to autism	$150,000	Q3.Other	Massachusetts General Hospital/Harvard Medical School

Project Title	Funding	Strategic Plan Objective	Institution
Quality of life for children with autism spectrum disorders and their parents	$150,000	Q1.Other	Massachusetts General Hospital
Family characterization network - 1	$463,694	Q2.5	Massachusetts General Hospital
Role of Pam in synaptic morphology and function	$150,000	Q2.Other	Massachusetts General Hospital
An adult brain-specific mouse model of neuronal TSC inactivation	$60,000	Q2.Other	Massachusetts General Hospital
Cognitive neuroscience - 4	$80,571	Q2.Other	Massachusetts General Hospital
Family recruitment network - 3	$36,965	Q3.2	Massachusetts General Hospital
Role of TSC/mTOR signaling pathway in autism and autism spectrum disorders	$178,843	Q3.2	Massachusetts General Hospital
Family recruitment network - 5	$17,236	Q3.2	Massachusetts General Hospital
Gene finding - 1	$85,275	Q3.8	Massachusetts General Hospital
A recurrent genetic cause of autism	$400,000	Q3.8	Massachusetts General Hospital
Translational genetic studies in familial ASDs	$100,000	Q3.8	Massachusetts General Hospital
Comprehensive follow-up of novel autism genetic discoveries	$289,026	Q3.8	Massachusetts General Hospital
Investigation of genes involved in synaptic plasticity in Iranian families with ASD	$60,000	Q3.9	Massachusetts General Hospital
Genome-wide analyses of DNA methylation in autism	$400,000	Q3.Other	Massachusetts General Hospital
Family support network - 4	$73,289	Q5.1	Massachusetts General Hospital
Informatics - 2	$411,912	Q6.1	Massachusetts General Hospital
Feeding problems in children with ASD: Impact of parent education in modifying aberrant eating habits	$30,000	Q4.4	Marcus Institute
Imitation in autism	$61,000	Q1.4	King's College, London
Autism spectrum disorder in Down syndrome: A model of repetitive and stereotypic behavior for idiopathic ASD	$60,000	Q1.Other	Kennedy Krieger Institute
Understanding perception and action in autism	$32,000	Q2.5	Kennedy Krieger Institute
Novel approaches for investigating the neurology of autism: Detailed morphometric analysis and correlation with motor impairment	$150,000	Q2.5	Kennedy Krieger Institute
Acupressure and acupuncture as an intervention with children with autism	$90,000	Q4.6	Kennedy Krieger Institute
Double masked placebo controlled trial of cholesterol in hypocholesterolemic ASD	$300,000	Q4.8	Kennedy Krieger Institute
Interactive Autism Network (IAN)	$2,200,000	Q6.1	Kennedy Krieger Institute
Multi-registry analyses - Sweden	$36,000	Q3.9	Karolinska Institutet
Early biologic markers for autism	$60,000	Q3.Other	Kaiser Foundation Research Institute

Project Title	Funding	Strategic Plan Objective	Institution
The role of Contactin-associated Protein-like 2 (CNTNAP2) and other novel genes in autism	$464,601	Q3.8	Johns Hopkins University School of Medicine
Gene-environment interactions in the pathogenesis of autism-like neurodevelopmental damage: A mouse model	$60,000	Q3.Other	Johns Hopkins University School of Medicine
Investigation of the role of MET kinase in autism	$488,411	Q4.5	Johns Hopkins University School of Medicine
Understanding glutamate signaling defects in autism spectrum disorders	$60,000	Q3.8	Johns Hopkins University
The development of Chinese versions of ADOS and ADI-R	$150,000	Q1.2	Johns Hopkins Bloomberg School of Public Health
Enhancing inter-subjectivity in infants at high-risk for autism	$213,000	Q4.3	IWK Health Centre/Dalhousie University
Assisted reproductive treatments and risk of autism	$20,000	Q3.6	Institute of Psychiatry, King's College London
Identical twins discordant for autism: Epigenetic (DNA methylation) biomarkers of non-shared environmental influences	$100,000	Q3.Other	Institute of Psychiatry, King's College London
Increasing social engagement in young children with ASD using video self-modeling and peer training	$30,000	Q4.4	Indiana Resource Center for Autism
Phonological processing in the autism spectrum	$32,000	Q2.5	Heriot-Watt University
Effect of oxytocin receptor inhibitor (Atosiban) during the perinatal period and prevalence of autism spectrum disorders	$150,000	Q3.Other	Hebrew University
Exploring the role of CC2D1A in neuronal development and synaptic function	$49,000	Q3.8	Harvard University
Connectopathic analysis of autism	$234,451	Q4.5	Harvard University
Maternal risk factors for autism in the Nurses Health Study II – pilot study	$60,000	Q3.6	Harvard School of Public Health
Identifying gastrointestinal (GI) conditions in children with autism spectrum disorders (ASD)	$150,000	Q1.3	Harvard Medical School
Cortical mechanisms underlying visual motion processing impairments in autism	$60,000	Q2.5	Harvard Medical School
Maternal dietary factors and risk of ASDs	$32,000	Q3.6	Harvard Medical School
Perturbed activity dependent plasticity mechanisms in autism	$296,372	Q4.5	Harvard Medical School
Informatics - 1	$10,408	Q6.1	Harvard Medical School
Using genetically modified mice to explore the neuronal network involved in social recognition	$60,000	Q2.Other	Haifa University
Psychophysiological mechanisms of emotion perception	$60,000	Q2.5	Georgia State University
Language learning in autism	$112,159	Q1.5	Georgetown University
Effects of parent-implemented intervention for toddlers with autism spectrum	$300,000	Q4.3	Florida State University

Project Title	Funding	Strategic Plan Objective	Institution
Attention to social and nonsocial events in children with autism	$150,000	Q1.2	Florida International University
Self-management of daily living skills: Development of cognitively accessible software for individuals with autism	$50,000	Q4.7	Eugene Research Institute
Language processing in children with 22q11 deletion syndrome and autism	$150,000	Q1.4	Emory University
Neural mechanisms of social cognition and bonding - AS	$31,500	Q2.Other	Emory University
Comprehensive genetic variation detection to definitively assess the role of the X chromosome in autism	$1,019,797	Q3.2	Emory University
Simons Simplex Collection Site - 8	$480,985	Q3.8	Emory University
Genomic resources for identifying genes regulating social behavior	$60,000	Q3.8	Emory University
Multi-registry analyses - Denmark	$72,000	Q3.9	Emory University
Synaptic and circuitry mechanisms of repetitive behaviors in autism	$400,000	Q4.5	Duke University Medical Center
Role of UBE3A in neocortical plasticity and function	$367,500	Q4.5	Duke University
Ethics of communicating scientific findings on autism risk	$25,000	Q3.Other	Drexel University School of Public Health
Scales, procedures, and intervention programs for estimating the prevalence of childhood disability and autism in Bangladesh	$59,966	Q1.4	Dhaka Shishu (Children's) Hospital, Bangladesh Institute of Child Health
Genetic and epigenetic interactions in a mouse model for autism	$60,000	Q3.Other	David Geffen School of Medicine at University of California, Los Angeles
BDNF secretion and neural precursor migration	$47,500	Q2.Other	Dana-Farber Cancer Institute
The early identification of temperament endophenotypes in ASD	$61,000	Q1.4	Dalhousie University
Video game environments for the integrative study of perception, attention and social cognition in autism and autism sibs	$59,984	Q1.2	Cornell University
Aberrant synaptic function due to TSC mutation in autism	$150,000	Q4.5	Columbia University Medical Center
Informational and neural bases of empathic accuracy in autism spectrum disorder	$28,000	Q2.5	Columbia University
Simons Simplex Collection Site - 11	$458,000	Q3.8	Columbia University
Multi-registry analyses - data management core	$66,000	Q3.9	Columbia University
Neurexin-neuroligin trans-syanptic interaction in learning and memory	$200,000	Q4.5	Columbia University
Genomic imbalances at the 22q11 locus and predisposition to autism	$400,000	Q4.5	Columbia University

Project Title	Funding	Strategic Plan Objective	Institution
Transcranial magnetic stimulation (RTMS) for evaluation and treatment of repetitive behavior in subjects with autism spectrum disorders	$60,000	Q4.Other	Columbia University
Neural circuit deficits in animal models of Rett syndrome	$44,000	Q2.Other	Cold Spring Harbor Laboratory
Analysis of cortical circuits related to ASD gene candidates	$150,000	Q2.Other	Cold Spring Harbor Laboratory
Genetic basis of autism	$6,175,430	Q3.8	Cold Spring Harbor Laboratory
Cellular and molecular alterations in gabaergic inhibitory circuits by mutations in MECP2, a gene implicated in the Rett syndrome of the autism spectrum disorders	$441,032	Q4.5	Cold Spring Harbor Laboratory
Novel models to define the genetic basis of autism	$800,694	Q4.5	Cold Spring Harbor Laboratory
A play and joint attention intervention for preschool teachers and young children with autism	$60,000	Q4.4	Cleveland State University
Past, present and future-oriented thinking about the self in children with ASD	$61,000	Q2.5	City University, London
Genome-wide association study of autism characterized by developmental regression	$150,000	Q3.2	Cincinnati Children's Hospital Medical Center
Development of an executive function-based intervention for ASD	$60,000	Q4.4	Children's National Medical Center
Potential role of noncoding RNAs in autism	$60,000	Q3.8	Children's Mercy Hospitals and Clinics
Identification of autism candidate genes on the X-chromosome from copy number variants identified by 500K SNP-CHIP analysis	$55,000	Q3.8	Centre For Addiction And Mental Health
Evaluation of behavior problems in children with ASD	$30,025	Q1.Other	Center for Autism and Related Disorders
Psychometric evaluation of the QABF in children with ASD	$11,069	Q1.Other	Center for Autism and Related Disorders
Psychometric evaluation of the autism symptom diagnostic scale	$8,975	Q1.Other	Center for Autism and Related Disorders
Psychometric evaluation of the behavior problems inventory in ASD	$25,032	Q1.Other	Center for Autism and Related Disorders
Presence of clostridia in children with and without ASD	$12,054	Q2.Other	Center for Autism and Related Disorders
Evaluation of sleep disturbance in children with ASD	$27,456	Q2.Other	Center for Autism and Related Disorders
Description and assessment of sensory abnormalities in ASD	$18,968	Q2.Other	Center for Autism and Related Disorders
Double blind placebo controlled evaluation of fluconazole	$15,134	Q4.6	Center for Autism and Related Disorders
Double blind placebo controlled trial of hyperbaric oxygen	$60,021	Q4.6	Center for Autism and Related Disorders
Comparison of high to low intensity behavioral intervention	$121,029	Q4.7	Center for Autism and Related Disorders

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Preventing autism via very early detection and intervention	$14,256	Q4.9	Center for Autism and Related Disorders
Assessing preference for reinforcers in children with autism	$29,684	Q4.Other	Center for Autism and Related Disorders
Teaching children to identify others' preferences	$22,058	Q4.Other	Center for Autism and Related Disorders
Telemedicine approach to teaching pill-swallowing skills	$14,168	Q4.Other	Center for Autism and Related Disorders
Effects of follow-through during DTT on verbalizations	$11,231	Q4.Other	Center for Autism and Related Disorders
Identifying factors that predict response to intervention	$21,965	Q4.Other	Center for Autism and Related Disorders
Establishing liquid medication administration compliance	$27,985	Q4.Other	Center for Autism and Related Disorders
Teaching theory of mind skills to children with ASD	$24,025	Q4.Other	Center for Autism and Related Disorders
Teaching children to identify causes of others' emotions	$20,687	Q4.Other	Center for Autism and Related Disorders
Teaching children to comprehend rules containing "if/then"	$38,994	Q4.Other	Center for Autism and Related Disorders
Parent mediated behavioral treatment of food selectivity	$30,966	Q4.Other	Center for Autism and Related Disorders
Age and treatment intensity in behavioral intervention	$34,879	Q4.Other	Center for Autism and Related Disorders
Chart review of 38 cases of recovery from autism	$35,117	Q4.Other	Center for Autism and Related Disorders
Long-term follow-up of children with autism who recovered	$33,965	Q4.Other	Center for Autism and Related Disorders
Evaluation of web-based curriculum assessment and program design	$51,003	Q5.4	Center for Autism and Related Disorders
Evaluation of E-learning for training behavioral therapists	$74,835	Q5.4	Center for Autism and Related Disorders
Neuronal oxidative stress in autism	$37,500	Q2.2	Case Western Reserve University
Training paraprofessional staff to provide proactive supports for individuals with severe in inclusive settings	$30,000	Q6.3	Carolina Behavior Analysis and Support Center
Visuospatial processing in adults and children with autism	$30,000	Q2.5	Carnegie Mellon University
Linguistic perspective-taking in adults with high-functioning autism: Investigation of the mirror neuron system	$28,000	Q2.5	Carnegie Mellon University
Testing neurological models of autism	$315,526	Q2.Other	California Institute of Technology
Neuronal populations related to deficits in social emotions and cognition in autism: A neurobiological and genomics approach	$62,500	Q3.8	California Institute of Technology
A non-human primate autism model based on maternal infection	$446,873	Q4.5	California Institute of Technology
Temperament, emotional expression, and emotional self-regulation in relation to later ASD diagnosis	$29,500	Q1.4	Bryn Mawr College
Brain region specific oxidative stress	$25,575	Q2.2	Brigham and Women's Hospital
Oxidative stress: Rat study	$40,000	Q4.5	Brigham and Women's Hospital

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Family characterization network - 2	$5,353	Q2.5	Boston University School of Medicine
Cognitive neuroscience - 2	$111,690	Q2.Other	Boston University School of Medicine
Novel methods for testing language comprehension in children with ASD	$150,000	Q1.2	Boston University
Architecture of myelinated axons linking frontal cortical areas	$54,000	Q2.Other	Boston University
Family recruitment network - 1	$84,587	Q3.2	Boston Medical Center
Family support network - 6	$44,411	Q5.1	Boston Medical Center
Family support network - 1	$83,219	Q5.1	Boston Medical Center
Signatures of gene expression in ASD	$150,000	Q1.3	Boston Children's Hospital
Visual system connectivity in a high-risk model of autism	$41,000	Q2.Other	Boston Children's Hospital
Cognitive neuroscience -3	$70,933	Q2.Other	Boston Children's Hospital
The effects of Npas4 and Sema4d on inhibitory synapse formation	$150,000	Q2.Other	Boston Children's Hospital
Family recruitment network - 4	$76,992	Q3.2	Boston Children's Hospital
Gene finding - 2	$23,055	Q3.8	Boston Children's Hospital
Simons Simplex Collection Site - 13	$562,415	Q3.8	Boston Children's Hospital
Gene expression profiling of autism spectrum disorders	$51,000	Q3.8	Boston Children's Hospital
Uncovering genetic mechanisms of ASD	$150,000	Q3.8	Boston Children's Hospital
Models and mechanisms - 2	$90,000	Q4.5	Boston Children's Hospital
Family support network - 5	$39,234	Q5.1	Boston Children's Hospital
Recessive genes for autism and mental retardation	$289,040	Q3.8	Beth Israel Deaconess Medical Center
Neural correlates of social exchange and valuation in autism	$150,000	Q2.5	Baylor College of Medicine
Maternal supplementation of folic acid and function of autism gene synaptic protein Shank3 in animal model	$110,000	Q3.6	Baylor College of Medicine
Mutation analysis of candidate genes derived from an autism protein interaction network in SSC autism samples	$1,133,994	Q3.8	Baylor College of Medicine
Studies of postmortem brain searching for epigenetic defects causing autism	$400,000	Q3.8	Baylor College of Medicine
Simons Simplex Collection Site - 1	$458,174	Q3.8	Baylor College of Medicine
DNA methylation and other epigenetic studies of autism brain	$29,000	Q3.Other	Baylor College of Medicine
Treatment of sleep problems in children with autism spectrum disorder with melatonin: A double-blind, placebo-controlled study	$150,000	Q4.2	Baylor College of Medicine
Baby sibs	$11,086	Q1.Other	Autism Speaks

Project Title	Funding	Strategic Plan Objective	Institution
Autism Treatment Program (ATP)	$700,000	Q2.6	Autism Speaks
Autism Genome Project (AGP)	$2,400,000	Q3.8	Autism Speaks
Autism Genetic Resource Exchange (AGRE)	$2,100,000	Q3.8	Autism Speaks
Bioinformatics/ISAAC	$300,000	Q3.Other	Autism Speaks
Autism Treatment Network (ATN)	$3,400,000	Q4.7	Autism Speaks
Clinical Trials Network (CTN)	$200,000	Q4.7	Autism Speaks
Urinary assay for HPL	$11,048	Q2.Other	Autism House
Tibial bone lead levels	$12,500	Q2.Other	Autism Associates of New York
Modeling and pharmacologic treatment of autism spectrum disorders in Drosophila	$150,000	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
A large scale, two phase study to estimate prevalence, and raise awareness, about autism spectrum conditions in India	$60,000	Q1.Other	Action for Autism/Creating Connections